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Pioneer *sound.vision.soul*

2007 DVD NAVIGATION UPGRADE DISC

Upgrade Manual Addendum

CNDV-70M

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Instructions for Upgrading

The screen shown in the example may differ from the actual screen.
The actual screen may be changed without notice for performance and function improvements.

⚠ CAUTION

- **Read the entire manual before upgrading the program of your navigation system.**

Models to be Upgraded

These discs can upgrade the programme for the following models:
AVIC-X1BT, AVIC-X1R, AVIC-X1

Manual Overview

This manual is a supplementary document that summarises the points that will be renewed after upgrading AVIC-X1R by using CNDV-70M.

For customers using AVIC-X1R, AVIC-X1BT or CNDV-60M

Only the map database changes to the latest data (all the operations are the same before).
The operations other than those described in this manual are essentially the same as those at the time you purchased the hardware. Use the Operation Manual and the Hardware Manual included in the hardware package as your primary reference.
Even if you upgrade AVIC-X1R with this disc, the following AV functions do not become the same as AVIC-X1BT.
– The functions on the hardware buttons
– Hands-free phoning with Bluetooth wireless technology (TEL source)
– The functions for iPod

For customers using AVIC-X1

By upgrading AVIC-X1 with this disc, many changes will take place including changes to the menu configuration. For the operations other than those described in this manual, obtain the Operation Manual for AVIC-X1R and use it as your primary reference.
Even if you upgrade AVIC-X1 with this disc, the following AV functions do not become the same as AVIC-X1BT.
– The functions on the hardware buttons
– Hands-free phoning with Bluetooth wireless technology (TEL source)
– The operation of iPod

❒ If you have already upgraded your AVIC-X1 by using CNDV-50MT, you do not need to obtain the Operation Manual for AVIC-X1R. Use the Operation Manual supplied with CNDV-50MT as your primary reference.

Obtain the manual by downloading it via Web

1 Visit "http://www.pioneer.eu/eur/content/support/support.html".

2 Click "On-line Manuals".

3 Enter "CNDV-50MT" and click "search".
Related models and several language versions will be shown.

4 Click the model number that is your desired language version.
❒ Please click the model number that is mentioned as "DVD-map for AVIC-X1, AVIC-X1R" in "Description." or that is "CNDV-50MT (AVIC-X1, AVIC-X1R)".

5 Download the manual if desired.

If you cannot get the manual via Web

Obtain the manual by

– sending an E-mail to:
info@pioneer-eur.com

– writing a letter to:
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Haven 1087
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BELGIUM

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- If the local traffic regulations or conditions deviate from this data, follow the local traffic regulations (such as signs, indications, etc.) and conditions (such as construction, weather, etc.).
- The traffic regulation data used in the map database applies only to standard sized passenger vehicles. Note that regulations for larger vehicles, motorbikes, and other non-standard vehicles are not included in the database.

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In case of trouble

Should the navigation system fail to operate properly, contact your dealer or nearest authorised Pioneer Service Station.

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Visit us at the following site:

www.pioneer.co.uk

- Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.

Renewed Points through this Upgrade

If you upgrade your navigation system by this disc, the system will have the following change;

Renewal Map database

The Map database will be changed.

Wide variety of facility information for POI search

You can search your destination from all areas. Approximately 1.5 million POIs are included in the database.

- The categories that you can use for voice recognition also will be changed. To know the categories that you can vocalize, see the displayed voice help.
- Some facilities icons used in **POI Search**, **Vicinity Search**, and **Overlay POI** will be changed.

Changes to appearance

The appearance of the navigation menu and AV menu will change as follows:

Navigation menu

AV menu

Easy operation for expanded coverage (Country selection table)

The screen to select a country you want to search during a search step ("Country selection table") will be changed to a table format to comply with expanded coverage area. Select a country you want to search from the table.

Selected country

Country codes

Renewed Points for AV Source

Source icon

The icon design for each source will be changed.

Some of "ESC" touch key

The name of the touch key will be changed from "**ESC**" to "**HIDE**".

Renewed point in the MP3 operation screen

The folder icon will be added to the "**UP**" touch key. The file extension (.mp3) will be displayed after a track title in the track list display and detail Information display. (The extension may not be displayed if the file name is long.)

Double Disc

This package is adopted “Double disc” system so as to contain larger database and expanded coverage area: one for the west and the other for the east.
However, the map data over 200m scale is contained both disc and there is a large overlapping area (Germany and part of Austria) so that you can get comfortable operation at the long-distance navigation.

Configuration of data stored on discs

The database and lower scale maps stored on each disc are as follows:

West area disc

East area disc

In case of the cross disc routing

Only when setting your destination for the another disc, it is necessary to replace from the current disc to another disc.
In case of the cross disc routing, the following procedure is recommended.

1 Insert the disc containing the destination you want to set.

2 Search for the destination and set as your destination.

3 After route calculation finished, remove the current disc.

4 Insert the disc containing your current location.

- ❒ The navigation system reboot automatically with keeping your destination and route set.
- ❒ To play DVD-video or CD, remove the DVD Map Disc after the “Memory navi indicator” stops flashing.

5 Drive toward your destination.

- ❒ When you approach the areas not stored on the disc, the navigation system notify you of approaching that area. Replace the disc at that time.

❒ Removing the disc and inserting another disc causes the navigation system to automatically restart and reload the new route. (This automatic “Reroute” operation cannot be cancelled.)

Limitation of Functions for Areas not Stored on the Disc

For areas not stored on the disc, the functions will operate as follows:

Displaying the map

- Maps with a scale of between 25 m and 200 m cannot be displayed. (If the scale was set to between 25 m and 200 m, it is automatically switched to 500 m.)
- When driving with **Mixed Mode**, **St.List Mode** or **Driver's View**, upon entering an area not stored on the disc the display automatically switches to **Map Mode**. (When the vehicle reenters an area stored on the disc, the display returns to the previous map mode except for **Driver's View**.)

Destination search

- You cannot search a destination in an area not stored on the disc using **Address Search**, **POI Search**, **Vicinity Search** or **Postal Code Search** (including operation by voice recognition).
- If you cannot search in a currently selected country, the system may forcibly switch to the country selection screen.
- A **Motorway Search** covers all areas, regardless of the disc on which the information is stored.
- If a **Vicinity Search** is performed on the border of an area not stored on the disc, the system will not necessarily select the nearest facility. (The search will take place only within the range of areas stored on the disc.)

Guidance

- When your vehicle approaches an area not stored on the disc, you will be notified three times: when the distance to the area not stored on the disc is 20 km (12 mi), 10 km (6 mi) and 5 km (3 mi) respectively. When your vehicle enters that area, a caution is given.
- In the areas not stored on the disc, only guidance for reaching the destination is provided. No other guidance is given.
- If a route calculation is operated within an areas not stored on the disc, the route might not be set from the streets you are currently driving. Also, if you set the destination in an area not stored on the disc of the disc, the system may not be able to set the route up to the destination.
- If the vehicle deviates from the set route in an area not stored on the disc, the Auto Reroute function will not work.
- Even if "**Close-up of Junction**" is "**On**", the display will not switch to an enlarged map of the junction.
- Even if you drive on the motorway, lane information, motorway exit numbers and motorway signs will not be displayed.

Route information

- If the set route goes through an area not stored on the disc, no route profile for that area will be displayed. (If the set route traverses both an area not stored on the disc and area stored on the disc, only the route profile within the area stored on the disc will be displayed.)
- Route scrolling for an area not stored on the disc is possible only with a map scale of 500 m or above.

Other function limitations

Memory mode

- Only data for areas stored on the disc can be memorised. (Data for areas not stored on the disc cannot be memorised.)
- Preparation for memory navi mode will have to be repeated if the vehicle enters an area not stored on the disc, then returns to an area stored in the disc. (Preparation for the memory navi mode starts from the location where the vehicle re-entered the area stored on the disc.)

Avoid area

- An area not stored on the disc cannot be set as an **Areas to Avoid**.

❒ A set **Areas to Avoid** may be deleted when the software is updated. If this happens, the system will automatically try to recover the deleted information, but data can be recovered only for areas stored on the disc. For items that could not be recovered, a recovery process will begin when you set another disc.

Recovery process for memory navi and avoid area

The memorised area may be deleted in the following circumstances:

- Yellow lead of the navigation system or the vehicle battery is disconnected.
- The **RESET** button is pressed.
- Software is updated.

❒ In these circumstances, the system will automatically try to recover the deleted information, but data can be recovered only for areas stored on the disc. For items that could not be recovered, a recovery process will begin when you set another disc.

Light grey touch key

The function is not available during memory navi mode. Or, the function is not available for areas not stored on the disc.
Touching this button activates a message indicating that the function is not available.
In memory navi mode and/or when traversing an area not stored on the disc, selection of the scales is limited.

Messages and How to React to Them (Additional Messages)

The following messages are added to those of AVIC-X1R (CNDV-50MT):

Message	When	What to do
This area does not contain any POI's of the selected type.	**Vicinity Search** cannot be performed because the searched location is in areas not stored on the DVD Map Disc.	Replace the DVD Map Disc and perform the **Vicinity Search** again.
This country is not available on the disc. Please insert an appropriate disc.	When areas not stored on the DVD Map Disc are included in the search.	Set the destination or way points in the areas stored on the DVD Map Disc, or replace the DVD Map Disc and perform the search again.
Failed to make the route profile.	Failed to generate the route profile because the set route passes through areas not stored on the DVD Map Disc.	Insert the DVD Map Disc and retry.
No route data can be stored. You should insert the disc that contains the map data of the current position.	In case the area to be set for "**Map In Memory**" is areas not stored on the DVD Map Disc.	• Cange the memory area to be set to the areas stored on the DVD Map Disc. • Insert the DVD Map Disc containing that area.
• Scaling down. • Scaling up.	In the memory navi mode, if the DVD Map Disc is inserted without changing the scale (only when the point is stored on the DVD Map Disc).	The scale automatically returns to the one that was set in the DVD navi mode before being changed to the memory navi mode.
• No map data available on this scale. Scaling up. • No map data available on this scale. Scaling down.	When the scale that had been previously displayed cannot be displayed for the following reasons: • The disc was ejected and the system was changed to the memory navi mode. • In the memory navi mode, the map was scrolled to outside the memory area. Or the vehicle moved outside of the memory area. • The map was scrolled to areas not stored on the DVD Map Disc. Or the vehicle moved to areas not stored on the disc. • The map was scrolled from areas not stored on the disc to the memory areas. Or, the vehicle moved from areas not stored on the disc to the memory area.	If the desired scale cannot be selected, insert the DVD Map Disc and then change the scale.
Failure in the memory recovery process. Memory navigation is presently not possible.	Failed to complete the recovery of the memory area because the disc could not be read for some reason, resulting in deletion of the memory.	• Clean the disc. • Clean the DVD drive. • Consult the Pioneer Local dealer if this message persists.
This function is not available with the current map disc.	In case the current position is areas not stored on the DVD Map Disc and an attempt was made to zoom in to make the scale 500 m or more.	Zoom in again after the vehicle moves into an area stored on the DVD Map Disc. Or, replace the DVD Map Disc and try to zoom in again.

How to Upgrade Your Navigation

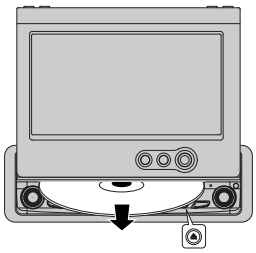
The programme is installed to the navigation system using the application disc.
When installing the programme, you carry out the following operations. When all the setup procedures are completed, you can use the navigation system.
The screen images used in this section are AVIC-X1R as an example.

⚠ CAUTION

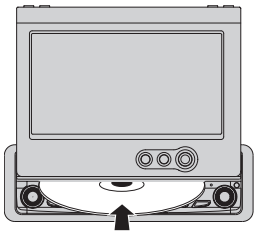
- **You cannot go back to the previous (pre-upgrade) version of the application after the software upgrade is completed. Also, the map discs that were previously used cannot be used. Instead, use the CNDV-70M DVDs as your new map discs.**

1 Park your vehicle in a safe place.
Leave the engine on, and make sure that the handbrake is applied.

2 Press EJECT button to remove the current disc.



3 Insert the new Pioneer DVD Map Disc into the disc loading slot of the navigation system.

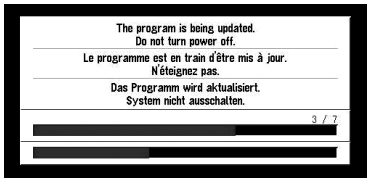


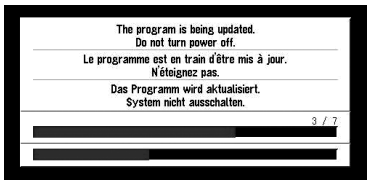
When the upgraded programme has been found, installation of the programme starts immediately.

❒ If you cannot insert a disc completely or if an inserted disc is not recognised, check that the label side of the disc is up. Press the **EJECT** button to eject the disc, and check the disc for damage before inserting the disc again.

⚠ CAUTION

While this screen appears, NEVER switch the key position from ACC or turn the power to the navigation system, off.


The program is being updated.
Do not turn power off.
Le programme est en train d'être mis à jour.
N'éteignez pas.
Das Programm wird aktualisiert.
System nicht ausschalten.
3 / 7


The program is being updated.
Do not turn power off.
Le programme est en train d'être mis à jour.
N'éteignez pas.
Das Programm wird aktualisiert.
System nicht ausschalten.
3 / 7

When the installation is complete, the opening display appears.

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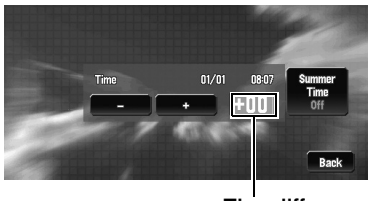
4 Press the NAVI/AV button to change the navigation screen.
Some time is needed until navigation is ready.

5 Check the details of the caution message and touch "OK".

The map of your surroundings is displayed. You can operate the navigation system by touching keys displayed on the screen as usual.

When upgrading AVIC-X1, perform the following procedure.

6 To set the time difference, touch "+" or "–".



Time difference

The time difference between the time originally set in the navigation system (Central European Time) and the current location of your vehicle is shown. If necessary, adjust the time difference. Touching "+" or "–" changes the time difference display in one-hour increments. The time difference can be set from +3 to –3 hours.

7 If necessary, set to summer time.

Summer time is off by default. Touch "**Summer Time**" to change the time if you are in the summer time period. This turns the display below summer time "**On**".

8 To complete the setting, touch "Back".

The map of your surroundings appears.

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